

LP TOPNOTCH GUARD OSB

PURPOSE

ITI NZ Ltd supplies LP TopNotch Guard OSB for use as an internal flooring substrate.

EXPLANATION

LP TopNotch Guard OSB is an oriented strand board (OSB) engineered structural wood panel, manufactured from rectangular wood strands blended with thermal-set, waterproof adhesives and arranged in cross-directional layers that are pressure-bonded. The LP Topnotch Guard OSB 350 panels are boron-treated to H3.1. The LP Topnotch Guard OSB 100 panels are untreated.

The panels also achieve a material group number of 3.

The panels are manufactured from wood from Sustainable Forestry Initiative certified programs.

The panels have tongue and groove edges and a moisture-resistant edge seal. The panels also incorporate a RainChannel® notch system that allows water to drain quickly from the surface.

The panels are 1220 x 2440 x 18 (W x L x T, mm).



For further assistance please contact:

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SCOPE AND LIMITATIONS OF USE

| Scope | Limitations |
|---|---|
| <p>Building</p> <p>In buildings where the relevant part of the building complies with the NZ Building Code or where the designer and installer have satisfied themselves that the relevant part of the existing building is suitable for the intended building work.</p> | <ul style="list-style-type: none"> ➤ LP Topnotch Guard 100 panels shall not be exposed to weathering for more than 8 weeks. ➤ LP Topnotch Guard 100 panels must only be used in accordance with Table 1C.3 (Interior flooring, suspended ground floors) and 1E.7 (Interior flooring) of NZS 3602. ➤ LP Topnotch Guard 350 panels shall not be exposed to weathering for more than 8 weeks. |
| <p>As a flooring substrate.</p> | <ul style="list-style-type: none"> ➤ Where used in areas prone to water splash, a waterproof membrane or waterproof protective coating must be applied. |

USEFUL INFORMATION

For design, installation and maintenance information, refer to iti.net.nz.

OTHER CERTIFICATIONS AND APPROVALS HELD BY LOUISIANA PACIFIC CORPORATION

- ISO 14001:2015 Environmental Management System certified [SAI Global, 08/01/2021].
- Sustainable Forestry Initiative (SFI) Certified to SFI 2015-2019 Chain of Custody [SAI Global, 24/11/2020a].
- Programme for the Endorsement of Forest Certification (PEFC) Certified to PEFC ST 2002:2013 – Chain of custody of forest based products [SAI Global, 24/11/2020b].



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all ITI NZ Ltd requirements, LP TopNotch Guard OSB will comply with or contribute to compliance with the following performance claims:

| BASIS OF COMPLIANCE | | |
|---|---|---|
| NZ Building Code clauses | Compliance statement | Demonstrated by |
| B1 STRUCTURE B1.3.1, B1.3.2, B1.3.3 (a, h, j, k, q), B1.3.4 | ALTERNATIVE SOLUTION | <ul style="list-style-type: none"> ➤ APA evaluation to DOC PS 2 Performance Standard for Wood Structural Panels based [APA, 03/2021]. ➤ APA DOC PS 2 evaluated by ICC Evaluation Service to International Building and Residential Codes (2009, 2012, 2015, and 2018) [ICC-ES, 07/2021]. ➤ Tested to ASTM D3043 for stiffness and strength, ASTM D3500 for tension, ASTM D3501 for compression and stiffness, ASTM D2718 for plane, and ASTM D2719 for rigidity in thickness and shear (350) and certified to EN 13896 (100) [Louisiana-Pacific Corporation, 2018; HFB, 10/07/2019]. ➤ Evaluation of LP TopNotch Guard OSB to AS/NZS 1860 [TBB, 05/2022]. |
| B2 DURABILITY B2.3.1(b) | VERIFICATION METHOD B2/VM1, paragraph 1.2 and 1.3 | <ul style="list-style-type: none"> ➤ APA evaluation to DOC PS 2 Performance Standard for Wood Structural Panels based [APA, 03/2021]. ➤ APA DOC PS 2 evaluated by ICC Evaluation Service to International Building and Residential Codes (2009, 2012, 2015, and 2018) [ICC-ES, 07/2021]. ➤ Evaluation of LP TopNotch Guard OSB to AS/NZS 1860 [TBB, 05/2022]. ➤ LP Topnotch Guard 350 is tested to H3.1 [IVS Labs Ltd, 08/11/2021]. |
| | ALTERNATIVE SOLUTION | <ul style="list-style-type: none"> ➤ Use of LP Topnotch Guard 100 in accordance with NZS 3602. |
| F2 HAZARDOUS BUILDING MATERIALS F2.3.1 | ALTERNATIVE SOLUTION | <ul style="list-style-type: none"> ➤ APA evaluation to DOC PS 2 Performance Standard for Wood Structural Panels based [APA, 03/2021]. ➤ APA DOC PS 2 evaluated by ICC Evaluation Service to International Building and Residential Codes (2009, 2012, 2015, and 2018) [ICC-ES, 07/2021]. ➤ Evaluation of LP TopNotch Guard OSB to AS/NZS 1860 [TBB, 05/2022]. |

SOURCES OF INFORMATION

- APA. [16/03/2021] *APA Product Report LP Legacy™ Sub-Flooring. PR-N127*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/apa-pr-n127-legacy-premium-sub-flooring> [Accessed on 09/11/2021].
- HFB. [10/07/2019] Certificate of conformity of Factory Production Control. Certificate No.1034 - CPR - 2667/1/2019.
- ICC-ES. [07/2021] *ICC-ES Evaluation Report. ESR-2586*.
- Louisiana-Pacific Corporation. [2018] *TopNotch Sub-Flooring Technical Guide*. Retrieved from <https://lpcorp.com/resources/product-literature/technical-guides/lp-topnotch-technical-guide> [Accessed on 09/11/2021].
- IVS Labs Ltd. [8/11/2021] *Analysis Report*. Report Number R59184(1).
- SAI Global. [24/11/2020a] *Certificate of Registration. CERT-0136968*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/sfi-chain-of-custody-certificate> [Accessed on 09/11/2021].
- SAI Global. [24/11/2020b] *Certificate of Registration. CERT-0136969*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/pefc-chain-of-custody-certificate> [Accessed on 09/11/2021].
- SAI Global. [08/01/2021] *Certificate of Registration. CERT-0136973*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/iso-14001-certificate> [Accessed on 09/11/2021].
- TBB. [05/2022] Evaluation of Topnotch Guard OSB.

1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

ITI NZ Ltd confirms that if LP TopNotch Guard OSB is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

Date of first issue: 15/11/2021
Date of current issue: 31/10/2024
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FOR THIS PASS™.

iti.net.nz



Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of ITI NZ Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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